Author Index

Ainol, L., see Gulati, S. (1182) 291
Allen, H., see Yang, M. (1182) 245
Altura, B.M., Barbour, R.L., Dowd, T.L., Wu, F., Altura, B.T. and Gupta, R.K.
Low extracellular magnesium induces intracellular free Mg deficits, ischemia, depletion of high-energy phosphates and cardiac failure in intact working rat hearts: A ^{31}P-NMR study (1182) 329
Altura, B.T., see Altura, B.M. (1182) 329
Andresen, B.S., see Bross, P. (1182) 264
Araki, H., see Hossain Khan, M.M. (1182) 83

Baas, F., see Bolhuis, P.A. (1182) 142
Bach, G., see Boneh, A. (1182) 64
Barber, B.R., see Salardi, S. (1182) 22
Barbour, R.L., see Altura, B.M. (1182) 329
Basu, A., see Ghosh, S. (1182) 152
Benson, M.D., see Kluve-Beckerman, B. (1182) 303
Bianchi, G., see Salardi, S. (1182) 22
Bikker, H., see Bolhuis, P.A. (1182) 142
Blaha, I., see Stys, D. (1182) 157
Bolhuis, P.A., Ponne, N.J., Bikker, H., Baas, F. and Vianney de Jong, J.M.B.
Molecular basis of an adult form of Sandhoff disease: Substitution of glutamine for arginine at position 505 of the β-chain of β-hexosaminidase results in a labile enzyme (1182) 142
Bolund, L., see Bross, P. (1182) 264
Boneh, A. and Bach, G.
Inhibition of protein kinase C activity in mucolipidosis type-4: a model for a new pathogenetic mechanism in inborn errors of metabolism (1182) 64
Bost, M., see Morel, F. (1182) 101
Boynton, S., see Wyss, P.A. (1182) 323
Bradshaw, J.P., see Gilchrist, P.J. (1182) 111
Brandolin, G., see Morel, F. (1182) 101
Brennan, S.O. and Fellowes, A.P.
Albumin Hawkes Bay; a low level variant caused by loss of a sulphydryl group at position 177 (1182) 46
Brenner, H.-H., see Kröncke, K.-D. (1182) 221
Brewer Jr., H.B., see Duchateau, P. (1182) 30
Bross, P., Andresen, B.S., Winter, V., Kräutle, F., Jensen, T.G., Nandy, A., Kølvraa, S., Ghisla, S., Bolund, L. and Gregersen, N.
Co-overexpression of bacterial GroESL chaperonins partly overcomes non-productive folding and tetramer assembly of *E. coli*-expressed human medium-chain acyl-CoA dehydrogenase (MCAD) carrying the prevalent disease-causing K304E mutation (1182) 264
Brown, W.E., see Toporowicz, A. (1182) 51

Campbell, I.K., Ianches, G. and Hamilton, J.A.
Production of macrophage colony-stimulating factor (M-CSF) by human articular cartilage and chondrocytes. Modulation by interleukin-1 and tumor necrosis factor α (1182) 57
Caputo, R., see Motta, S. (1182) 147
Carelli, S., see Motta, S. (1182) 147
Carey, M.C., see Donovan, J.M. (1182) 37
Carlucci, F., see Tabucchi, A. (1182) 317
Castro, G.R., see Duchateau, P. (1182) 30
Champelovier, P., see Morel, F. (1182) 101
Chance, B., see Tanaka, A. (1182) 250
Chmurzyńska, W., see Manteuffel-Cymborowska, M. (1182) 133
Choo, L.-P., Jackson, M., Halliday, W.C. and Mantsch, H.H.
Infrared spectroscopic characterisation of multiple sclerosis plaques in the human central nervous system (1182) 333
Chu, J., see Wyss, P.A. (1182) 323
Coetzee, G.A., see Rubinsztein, D.C. (1182) 75
Cohen Tanugi Cholley, L., see Morel, F. (1182) 101
Colin, D.A., see Finck-Barbançon, V. (1182) 275
Consolmagno, E., see Tabucchi, A. (1182) 317

De Geitere, C., see Duchateau, P. (1182) 30
Dianoux, A.C., see Morel, F. (1182) 101
DiCioccio, R.A., see Yang, M. (1182) 245
Dohi, Y., see Kato, K. (1182) 283
Donovan, J.M., Yousef, I.M. and Carey, M.C.
Pan-sulfation of bile salts markedly increases hydrophilicity and essentially abolishes self- and hetero-association with lecithin (1182) 37
Dowd, T.L., see Altura, B.M. (1182) 329
Duchateau, P., Rader, D., Duverger, N., Theret, N., De Geitere, C., Brewer Jr., H.B., Fruchart, J.C. and Castro, G.R.
Tangier disease: isolation and characterization of LpA-I, LpA-II, LpA-I:A-II and LpA-IV particles from plasma (1182) 30
Duportail, G., see Finck-Barbançon, V. (1182) 275
Duverger, N., see Duchateau, P. (1182) 30

Eshima, D., see Zamora, P.O. (1182) 197
Eskey, C.J., see Schrader, M.C. (1182) 162
Etzkorn, K., see Kröncke, K.-D. (1182) 221

Falchetto, R., see Salardi, S. (1182) 22
Fellowes, A.P., see Brennan, S.O. (1182) 46
Ferrari, M., see Quaresima, V. (1182) 115
Finck-Barbançon, V., Duportail, G., Meunier, O. and Colin, D.A.
Pore formation by a two-component leukocidin from *Staphylococcus aureus* within the membrane of human polymorphonuclear leukocytes (1182) 275
Francois, P., see Morel, F. (1182) 101
Fruchart, J.C., see Duchateau, P. (1182) 30
Furlini, G., see Tabucchi, A. (1182) 317

Gersten, D.M., see Toporowicz, A. (1182) 51
Ghidoni, R., see Motta, S. (1182) 147
Ghisla, S., see Bross, P. (1182) 264
Ghosh, S., McLean Grogan, W., Basu, A. and Watlington, C.
Renal corticosterone 6β-hydroxylase in the spontaneously hypertensive rat (1182) 152
Gilchrist, P.J. and Bradshaw, J.P.
Amyloid formation by salmon calcitonin (1182) 111
Glorioso, N., see Salardi, S. (1182) 22
Graham, D., see Zamora, P.O. (1182) 197
Gregersen, N., see Bross, P. (1182) 264
Grzelakowska-Sztabert, B., see Manteuffel-Cymborowska, M. (1182) 133

Gualtieri, G., see Quaresima, V. (1182) 115
Gulati, S., Ainol, L., Orak, J., Singh, A.K. and Singh, I.
Alterations of peroxisomal function in ischemia-reperfusion injury of rat kidney (1182) 291
Gupta, R.K., see Altura, B.M. (1182) 329

Halliday, W.C., see Choo, L.-P. (1182) 333
Hamilton, J.A., see Campbell, I.K. (1182) 57
Hart, D.A., see Murphy, P.G. (1182) 205
Hasan, S.Q. and Kushwaha, R.S.
Differences in 27-hydroxycholesterol concentrations in plasma and liver of baboons with high and low responses to dietary cholesterol and fat (1182) 299
Hearing, V.J., see Toporowicz, A. (1182) 51
Hirai, H., see Masuda, K. (1182) 128
Hirano, K., see Masuda, K. (1182) 128
Hirao, K., see Tanaka, A. (1182) 250
Ho, C., see Schrader, M.C. (1182) 162
Ho, C., see Schrader, M.C. (1182) 179
Homandberg, G.A., see Xie, D.-l. (1182) 189
Hossain Khan, M.M., Yamamoto, T., Araki, H., Ijiri, Y., Shibuya, Y., Okamoto, M. and Kambara, T.
Pseudomonal elastase injection causes low vascular resistant shock in guinea pigs (1182) 83
Hungerer, K.-D., see Krasilnikov, O.V. (1182) 94
Hunt, N.H., see Iheanacho, E.N. (1182) 15

Ianches, G., see Campbell, I.K. (1182) 57
Iheanacho, E.N., Stocker, R. and Hunt, N.H.
Redox metabolism of vitamin C in blood of normal and malaria-infected mice (1182) 15
Ijiri, Y., see Hossain Khan, M.M. (1182) 83
Inomoto, T., see Tanaka, A. (1182) 250
Iwata, S., see Tanaka, A. (1182) 250

Jackson, M., see Choo, L.-P. (1182) 333
Jensen, T.G., see Bross, P. (1182) 264
Jialal, I., see Rubinsztein, D.C. (1182) 75

Kambara, T., see Hossain Khan, M.M. (1182) 83
Kato, K., Dohi, Y., Yoneda, Y., Yamamura, K.-i., Okada, Y. and Nakanishi, M.
Use of the hemagglutinating virus of Japan (HVJ)-liposome method for analysis of infiltrating lymphocytes induced by hepatitis B virus gene expression in liver tissue (1182) 283
Kawashima, S.-i., see Yoshida, K.-i. (1182) 215
Kitai, T., see Tanaka, A. (1182) 250
Kluve-Beckerman, B., Song, M., Benson, M.D. and Liepnieks, J.J.
Recombinant murine serum amyloid A from baculovirus-infected insect cells: purification and characterization (1182) 303
Kolb-Bachofen, V., see Kröncke, K.-D. (1182) 221
Kolb, H., see Kröncke, K.-D. (1182) 221
Kølvraa, S., see Bross, P. (1182) 264
Krasilnikov, O.V., Ternovsky, V.I., Merzliak, P.G., Zachidova, L.T. and Hungerer, K.-D.
Effects of monoclonal antibodies on α-staphylotoxin action against erythrocytes and model phospholipid membranes (1182) 94
Kräutle, F., see Bross, P. (1182) 264
Kröncke, K.-D., Brenner, H.-H., Rodriguez, M.-L., Etzkorn, K., Noack, E.A., Kolb, H. and Kolb-Bachofen, V.
Pancreatic islet cells are highly susceptible towards the cytotoxic effects of chemically generated nitric oxide (1182) 221
Kushwaha, R.S., see Hasan, S.Q. (1182) 299

Lahav, J.
The functions of thrombospondin and its involvement in physiology and pathophysiology (1182) 1
Leitersdorf, E., see Rubinsztein, D.C. (1182) 75
Leoncini, R., see Tabucchi, A. (1182) 317
Liepnieks, J.J., see Kluve-Beckerman, B. (1182) 303

Manteuffel-Cymborowska, M., Chmurzyńska, W. and Grzelakowska-Sztabert, B.
Polyamines in testosterone-induced hypertrophic and antifolate-induced hyperplastic mouse kidney. Differential effect of α-difluoromethylornithine (1182) 133
Mantsch, H.H., see Choo, L.-P. (1182) 333
Marinello, E., see Tabucchi, A. (1182) 317
Martel, C., see Morel, F. (1182) 101
Masuda, K., Nagata, S., Hirano, K., Takagishi, Y. and Hirai, H.
Elevated serum α-fetoprotein level of nude mice bearing hepatoma cells by treatment with monoclonal antibodies to α-fetoprotein (1182) 128
McLean Grogan, W., see Ghosh, S. (1182) 152
Merzliak, P.G., see Krasilnikov, O.V. (1182) 94
Meunier, O., see Finck-Barbançon, V. (1182) 275
Monti, M., see Motta, S. (1182) 147
Morel, F., Cohen Tanugi Cholley, L., Brandolin, G., Dianoux, A.C., Martel, C., Champelovier, P., Seigneurin, J.M., Francois, P., Bost, M. and Vignais, P.V.
The O_2^- generating oxidase of B lymphocytes: Epstein-Barr virus-immortalized B lymphocytes as a tool for the identification of defective components of the oxidase in chronic granulomatous disease (1182) 101
Mori, S., see Tanaka, A. (1182) 250
Motta, S., Monti, M., Sesana, S., Caputo, R., Carelli, S. and Ghidoni, R.
Ceramide composition of the psoriatic scale (1182) 147
Murakami, H., see Tachibana, H. (1182) 257
Murphy, P.G. and Hart, D.A.
Plasminogen activators and plasminogen activator inhibitors in connective tissues and connective tissue cells: influence of the neuropeptide substance P on expression (1182) 205

Nagata, S., see Masuda, K. (1182) 128
Nakanishi, M., see Kato, K. (1182) 283
Nandy, A., see Bross, P. (1182) 264
Noack, E.A., see Kröncke, K.-D. (1182) 221

Okada, Y., see Kato, K. (1182) 283
Okamoto, M., see Hossain Khan, M.M. (1182) 83
Orak, J., see Gulati, S. (1182) 291
Ozawa, K., see Tanaka, A. (1182) 250

Pagani, R., see Tabucchi, A. (1182) 317
Parenti, P., see Salardi, S. (1182) 22
Pastore, S., see Salardi, S. (1182) 22
Pizzichini, M., see Tabucchi, A. (1182) 317
Ponne, N.J., see Bolhuis, P.A. (1182) 142

Quaresima, V., Ursini, C.L., Gualtieri, G., Sotgiu, A. and Ferrari, M.
Oxygen-dependent reduction of a nitroxide free radical by electron paramagnetic resonance monitoring of circulating rat blood (1182) 115

Rader, D., see Duchateau, P. (1182) 30
Ranganathan, S. and Tew, K.D.
Analysis of glyoxalase-I from normal and tumor tissue from human colon (1182) 311
Re, M.C., see Tabucchi, A. (1182) 317
Rhodes, B.A., see Zamora, P.O. (1182) 197

Robinson, B.H.
Lacticacidemia (1182) 231
Rodriguez, M.-L., see Kröncke, K.-D. (1182) 221
Roth, K.S., see Wyss, P.A. (1182) 323
Rubino, M., see Tabucchi, A. (1182) 317
Rubinsztein, D.C., Jialal, I., Leitersdorf, E., Coetzee, G.A. and Van der Westhuyzen, D.R.
Identification of two new LDL-receptor mutations causing homozygous familial hypercholesterolemia in a South African of Indian origin (1182) 75

Salardi, S., Falchetto, R., Troffa, C., Parenti, P., Barber, B.R., Pastore, S., Glorioso, N. and Bianchi, G.
Relationships among alterations in renal membrane sodium transport, renin and aminopeptidase M activities in genetic hypertension (1182) 22
Sato, B., see Tanaka, A. (1182) 250
Schrader, M.C., Eskey, C.J., Simplaceanu, V. and Ho, C.
A carbon-13 nuclear magnetic resonance investigation of the metabolic fluxes associated with glucose metabolism in human erythrocytes (1182) 162
Schrader, M.C., Simplaceanu, V. and Ho, C.
Measurement of fluxes through the pentose phosphate pathway in erythrocytes from individuals with sickle cell anemia by carbon-13 nuclear magnetic resonance spectroscopy (1182) 179
Seigneurin, J.M., see Morel, F. (1182) 101
Seki, K., see Tachibana, H. (1182) 257
Sesana, S., see Motta, S. (1182) 147
Shastry, B.S.
Recent developments in certain X-linked genetic eye disorders (1182) 119
Shattuck, L., see Zamora, P.O. (1182) 197
Shibuya, Y., see Hossain Khan, M.M. (1182) 83
Simplaceanu, V., see Schrader, M.C. (1182) 162
Simplaceanu, V., see Schrader, M.C. (1182) 179
Singh, A.K., see Gulati, S. (1182) 291
Singh, I., see Gulati, S. (1182) 291
Song, M., see Kluve-Beckerman, B. (1182) 303
Sotgiu, A., see Quaresima, V. (1182) 115
Spevacek, S.M., see Young, P.R. (1182) 69
Stocker, R., see Iheanacho, E.N. (1182) 15
Strop, P., see Stys, D. (1182) 157
Stys, D., Blaha, I. and Strop, P.
Structural and functional studies in vitro on the p6 protein from the HIV-1 *gag* open reading frame (1182) 157

Tabucchi, A., Carlucci, F., Re, M.C., Furlini, G., Consolmagno, E., Leoncini, R., Pizzichini, M., Marinello, E., Rubino, M. and Pagani, R.
The behavior of free purine nucleotides in lymphocytes infected with HIV-1 virus (1182) 317
Tachibana, H., Seki, K. and Murakami, H.
Identification of hybrid-type carbohydrate chains on the light chain of human monoclonal antibody specific to lung adenocarcinoma (1182) 257
Takagishi, Y., see Masuda, K. (1182) 128
Tanaka, A., Kitai, T., Iwata, S., Hirao, K., Tokuka, A., Sato, B., Yanabu, N., Mori, S., Inomoto, T., Yamaoka, Y., Tanaka, K., Ozawa, K. and Chance, B.
Delayed oxidation of intramitochondrial pyridine nucleotide oxidoreduction state as compared with tissue oxygenation in human liver transplantation (1182) 250
Tanaka, K., see Tanaka, A. (1182) 250
Ternovsky, V.I., see Krasilnikov, O.V. (1182) 94
Tew, K.D., see Ranganathan, S. (1182) 311
Theret, N., see Duchateau, P. (1182) 30
Tokuka, A., see Tanaka, A. (1182) 250
Toporowicz, A., Gersten, D.M., Hearing, V.J., Brown, W.E. and Vlock, D.R.
Cross-reactivity between murine melanoma antigen B700 and a human melanoma-associated antigen (M-66) recognized by autologous antibody: evidence suggesting shared epitopes (1182) 51
Troffa, C., see Salardi, S. (1182) 22

Ursini, C.L., see Quaresima, V. (1182) 115

Van der Westhuyzen, D.R., see Rubinsztein, D.C. (1182) 75
Vianney de Jong, J.M.B., see Bolhuis, P.A. (1182) 142
Vignais, P.V., see Morel, F. (1182) 101
Vlock, D.R., see Toporowicz, A. (1182) 51

Watlington, C., see Ghosh, S. (1182) 152
Winter, V., see Bross, P. (1182) 264
Wu, F., see Altura, B.M. (1182) 329
Wyss, P.A., Boynton, S., Chu, J. and Roth, K.S.
Tissue distribution of succinylacetone in the rat in vivo: a possible basis for neurotoxicity in hereditary infantile tyrosinemia (1182) 323

Xie, D.-l. and Homandberg, G.A.
Fibronectin fragments bind to and penetrate cartilage tissue resulting in proteinase expression and cartilage damage (1182) 189

Yamamoto, T., see Hossain Khan, M.M. (1182) 83
Yamamura, K.-i., see Kato, K. (1182) 283
Yamaoka, Y., see Tanaka, A. (1182) 250
Yamasaki, Y., see Yoshida, K.-i. (1182) 215
Yanabu, N., see Tanaka, A. (1182) 250
Yang, M., Allen, H. and DiCioccio, R.A.
Pedigree analysis of α-L-fucosidase gene mutations in a fucosidosis family (1182) 245
Yoneda, Y., see Kato, K. (1182) 283
Yoshida, K.-i., Yamasaki, Y. and Kawashima, S.-i.
Calpain activity alters in rat myocardial subfractions after ischemia or reperfusion (1182) 215
Young, P.R. and Spevacek, S.M.
Substratum acidification and proteinase activation by murine B16F10 melanoma cultures (1182) 69
Yousef, I.M., see Donovan, J.M. (1182) 37

Zachidova, L.T., see Krasilnikov, O.V. (1182) 94
Zamora, P.O., Eshima, D., Graham, D., Shattuck, L. and Rhodes, B.A.
Biological distribution of ^{99m}Tc-labeled YIGSR and IKVAV laminin peptides in rodents: ^{99m}Tc-IKVAV peptide localizes to the lung (1182) 197